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Form PTO-1449
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ATTORNEY DOCKET NO.

SERIAL NO.

411044.90021

09/460,324

APPLICANT(S): Kasha/Simion

FILING DATE:

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12/10/99

1649

INFORMATION DISCLOSURE STATEMENT
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
Amb	WO 89/00602	01/26/89	PCT	C12N	15/00		✓
Amb	WO 92/14828	09/03/92	PCT	C12N	15/04		✓
Amb	WO 96/29419	09/26/96	PCT	C12N	15/02		✓
Amb	WO 00/14202	03/16/00	PCT	C12N	5/00		✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Amb		Hu, et al., "A cytological study of pretreatments used to improve isolated microspore cultures of wheat (<i>Triticum aestivum</i> L.) Cv. Chris," <u>Genome</u> 42:432-441 (1999)
Amb		Pechan, Paul M., "Successful cocultivation of <i>Brassica napus</i> microspores and proembryos with <i>Agrobacterium</i> ," <u>Plant Cell Reports</u> 8:387-390 (1989)
Amb		Rubinstein, et al., "Developmental accumulation of hydroxyproline and hydroxyproline-containing proteins in <i>Zea mays</i> pollen," <u>Sexual Plant Reproduction</u> 8:27-32 (1995)

EXAMINER

Anne Marie Gruber

DATE CONSIDERED

16 Apr 02

* EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. QBMA1311848



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U.S. PATENT DOCUMENTS

* EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Amc	4,840,906	06/20/89	Hunter	435	240.49	
Amc	5,445,961	08/29/95	Genovesi et al.	435	240.5	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
Amc	O 455 597 A1	04/26/91	Europe	C12N	5/00		✓

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Amc		Carlson, Alvar R., "Visual Selection of Transgenic Barley (<i>Hordeum Vulgare</i> L.) Structures and Their Regeneration Into Green Plants," Thesis presented to The Faculty of Graduate Studies of the University of Guelph (September 1998)
Amc		Egertsdotter et al., "Importance of arabinogalactan proteins for the development of somatic embryos of Norway spruce (<i>Picea abies</i>)," <i>Physiologia Plantarum</i> 93:334-345 (1995)
Amc		Hu, et al., "Isolated Microspore Culture of Wheat (<i>Triticum Aestivum</i> L.) in a Defined Media I. Effects of Pretreatment, Isolation Methods, and Hormones," <i>In Vitro Cell Dev. Biol.</i> 31:79-83 (1995)
Amc		Hu et al., "Improvement of isolated microspore culture of wheat (<i>Triticum aestivum</i> L.) through ovary co-culture," <i>Plant Cell Reports</i> 16:520-525 (1997)
Amc		Hunter, Clifford Paul, "Plant Regeneration From Microspores of Barley- <i>Hordeum vulgare</i> L.," Thesis submitted to the University of London, Wye College, Ashford, Kent (February 1988)
Amc		Jahne, et al., "Regeneration of transgenic, microspore-derived, fertile barley," <i>Theor. Appl. Genet.</i> 89:525-533 (1994)
Amc		Kasha, et al., "Haploids in Cereal Improvement: Anther and Microspore Culture," <i>Gene Manipulation in Plant Improvement II</i> pp. 213-235 (1990)
Amc		Kasha, et al., "Use of Haploids in Induced Mutation in Barley and Wheat," <i>Cereal Research Communications</i> 19:101-108 (1991)
Amc		Kasha et al., "Production and Application of Doubled Haploids in Crops," <i>International Atomic Energy Agency</i> pp 23-37 (June 1995)
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Amc		Kawaguchi et al., "A novel tetrasaccharide, with a structure similar to the terminal sequence of an arabinogalactan-protein, accumulates in rice anthers in a stage-specific manner," <i>The Plant Journal</i> 9:777-785 (1996)
Amc		Kreuger, et al., "Arabinogalactan proteins are essential in somatic embryogenesis of <i>Daucus carota</i> L.," <i>Planta</i> 189:243-248 (1993)
Amc		Kuhlmann, et al., "Improved Culture System for Microspores of Barley to Become a Target for DNA Uptake," <i>Plant Breeding</i> 107:165-168 (1991)
Amc		Lette et al., "III.6 Wheat Anther Culture Using Liquid Media," <i>Biotechnology in Agriculture and Forestry</i> 13:416-424 (1990)
Amc		Roberts-Oehlschlager et al., "Barley anther culture: Pretreatment on mannitol stimulates production of microspore-derived embryos," <i>Plant Cell, Tissue and Organ Culture</i> 20:235-240 (1990)
Amc		Wheatley et al., "Microspore growth and anther staging in barley anther culture," <i>Plant Cell Reports</i> 5:47-49 (1986)
Amc		Yao, et al., "Biolistic transformation of haploid isolated microspores of barley (<i>Hordeum vulgare</i> L.)," <i>Genome</i> 40:570-581 (1997)
Amc		Ziauddin, et al., "Improved plant regeneration from shed microspore culture in barley (<i>Hordeum vulgare</i> L.) cv. Igri," <i>Plant Cell Reports</i> 9:69-72 (1990)
Amc		Ziauddin et al., "Improved plant regeneration from wheat anther and barley microspore culture using phenylacetic acid (PAA)," <i>Plant Cell Reports</i> 11:489-498 (1992)

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